			UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov		
APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/076,053	02/14/2002	Reddy Vangala	WC0010-A	8670	
7590 07/15/2004			EXAMINER		
Steven Weseman			GLENN, KIMBERLY E		
CTS Wireless Components 171 Covington Drive			ART UNIT	PAPER NUMBER	
Bloomingdale, IL 60108			2817		
			DATE MAILED: 07/15/2004	4	

Please find below and/or attached an Office communication concerning this application or proceeding.

ASHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MALLING DATE OF THIS COMMUNICATION. In the MALLING DATE OF THIS COMMUNICATION. In the period for reply specified above is the han they (20) days, a mapy within the statulation private integration of the communication. If the period for reply specified above, it is maintened of CPR 1.158(a). In a overt, however, may a mply be timely field. If the period for reply specified above, it is maintened of CPR 1.158(a). In a overt, however, may a mply be timely field. If the period for reply specified above, it is maintened of CPR 1.158(a). Image is a posticitation of the period for reply well, by attalls, cause the application to become APANCONED (25 U.S.C.§ 133). Image is a posticitation of the communication, even if immly field, may notice any second		Application No.	Applicant(s)		
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DETAILED ACTION

The finality of the last Office action is withdrawn.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 19 and 20 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Applicant recites the limitation " wherein the transmit (receive) arm outwardly facing surface has a metallization pattern as shown in FIG. 2 (3)". This limitation makes the claim indefinite. The MPEP state in 2173.05 (s) "Where possible, claims are to be complete in themselves. Incorporation by reference to a specific figure or table "is permitted only in exceptional circumstances where there is no practical way to define the invention in words and where it is more concise to incorporate by reference than duplicating a drawing or table into the claim. Incorporation by reference is a necessity doctrine, not for applicant's convenience." Ex parte Fressola, 27USPQ2d 1608, 1609 (Bd. Pat. App. & Inter. 1993)

Allowable Subject Matter

Claims 1, 5, 6, 8-18 and 21 are allowed.

The following is a statement of reasons for the indication of allowable subject matter: The prior art of record does not disclose a bridge through hole extending between the transmit arm outwardly facing surface and the receive arm outwardly facing

Application/Control Number: 10/076,053 Art Unit: 2817

surface, the bridge through hole having side walls and the bridge metallized area being present on the side walls of the bridge through hole.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimberly E Glenn whose telephone number is (571)-272-1761. The examiner can normally be reached on Monday-Friday 7:30 to 4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Pascal can be reached on (571)-272-1769. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kimberly E Glenn Examiner Art Unit 2817

Robert Pascal Supervisory Patent Examiner Technology Center 2800

keg